Benefits of the Urban Forest

• Increase property values
• Improve air and water quality
• Reduce heating and cooling costs
• Decrease stormwater runoff and pollution
• Increase public health and wellness by promoting physical
    activity, reducing stress, and lowering asthma risks.

"The net cooling effect of a young, healthy tree is equivalent to ten room-size air conditioners operating 20 hours a day."-U.S. Department of Agriculture

"A mature tree can often have an appraised value of between $1,000 and $10,000." -Council of Tree and Landscape Appraisers

"Landscaping, especially with trees, can increase property values as much as 20 percent."-Management Information Services/ICMA

"One acre of forest absorbs six tons of carbon dioxide and puts out four tons of oxygen. This is enough to meet the annual needs of 18 people." -U.S. Department of Agriculture

"Trees properly placed around buildings can reduce air conditioning needs by 30 percent and can save 20 - 50 percent in energy used for heating." -USDA Forest Service

"The planting of trees means improved water quality, resulting in less runoff and erosion. This allows more recharging of the ground water supply. Wooded areas help prevent the transport of sediment and chemicals into streams." -USDA Forest Service

"In laboratory research, visual exposure to settings with trees has produced significant recovery from stress within five minutes, as indicated by changes in blood pressure and muscle tension." -Dr. Roger S. Ulrich Texas A&M University

From the City of Raleigh Urban Forestry Division homepage
http://www.raleighnc.gov/neighbors/content/PRecParks/Articles/UFDivision.html